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WO 00/66188 A3

(54) Title: XENOTRANSPLANT FOR CNS THERAPY

(57) Abstract: A "supplementary choroid plexus" comprising preferably a xenotransplant of choroid plexus cells form a neonatal mammal provides a steady supply of trophic factors for administration to a central nervous system in need of treatment for a neurological disease. Choroid plexus cells manufacture a range of trophic factors, particularly during fetal development. This neurotrophic factor therapy may be useful in treating clinical and subclinical neurodegenerative diseases particularly those in which the choroid plexus has often become atrophic. The xenotransplant is cloaked in a protective layer (such as of alginate) capable of concealing the foreign nature of the transplant. Lateral ventricles are the preferred implantation site, from where the trophic factors are carried through the neuropil by the circulation of cerebrospinal fluid.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/NZ 00/00064

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K35/30 A61L27/38 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C12N A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	the whole document, especially column 5 lines 23-55 and column 8 lines 27-42	3-5, 8-11
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A	US 5 389 535 A (WAHLBERG LARS ET AL) 14 February 1995 (1995-02-14) cited in the application the whole document	1-14
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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International Application No.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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